

Historical Floods: West Branch Susquehanna River at Renovo, Pennsylvania

Latitude: 41.324

Flood Stage: 16 ft

Period of Record: 1889-Present

Last Flood: 12/1/2010

Longitude: -77.751

Number of Floods: 14

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/1/1889	27.30	211,000	Major	C1
5/21/1894	23.00	187,000	Major	C1
3/1/1902	17.00	-9,999	Minor	C1
3/18/1936	29.39	236,000	Major	none
4/1/1940	16.51	92,900	Minor	none
7/18/1942	18.92	117,000	Moderate	none
12/30/1942	17.74	105,000	Minor	none
5/28/1946	20.11	130,000	Moderate	none
11/26/1950	21.96	151,000	Moderate	none
3/10/1964	21.28	143,000	Moderate	F2
6/23/1972	26.56	181,000	Major	F2
1/20/1996	21.87	86,000	Moderate	C5 F1 F2
9/18/2004	21.84	128,000	Moderate	F2
12/1/2010	18.28	93,400	Moderate	F2

Drainage Area: 2975 sq mi

Gage Datum: 634.19 ft MSL

West Branch Susquehanna Basin

County of Gage: Clinton

County of Forecast Point: Clinton

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-9999 signifies missing data

MARFC Codes

Code	Description
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.
C3	Crest height estimated by the USGS.
C4	Crest height is from the National Weather Service.
C5	Crest height affected by backwater.
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
G2	Gage datum changed during this year.

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